PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	-	see Form PCT/iSA/220
200310760-4	ACTION	as well a	as, where applicable, item 5 below.
International application No.	International filing date (day/mon	th/year)	(Earliest) Priority Date (day/month/year)
PCT/US2004/027822	26/08/2004	. —	12/09/2003
Applicant			
HEWLETT-PACKARD DEVELOPMEN	NT COMPANY, L.P.		
This International Search Report has bee according to Article 18. A copy is being to			ority and is transmitted to the applicant
This International Search Report consists	of a total of st	neets.	
X It is also accompanied by	a copy of each prior art document	cited in this r	eport.
Basis of the report	,, ·		
 With regard to the language, the language in which it was filed, un 	international search was carried ou less otherwise indicated under this	it on the basi item.	s of the International application in the
The international this Authority (Ru		s of a transla	tion of the International application furnished to
b. With regard to any nucle	otide and/or amino acid sequenc	e disclosed li	n the international application, see Box No. I.
2. Certain claims were fou	nd unsearchable (See Box II).		
3. Unity of invention is lac	king (see Box III).		
4. With regard to the title,			
X the text is approved as su	ibmitted by the applicant.		
the text has been established	shed by this Authority to read as followed	ows:	
5. With regard to the abstract,			
X the text is approved as su	ibmitted by the applicant.		
the text has been establishmay, within one month from	shed, according to Rule 38.2(b), by om the date of mailing of this intern	this Authority ational search	as it appears in Box No. IV. The applicant h report, submit comments to this Authority.
6. With regards to the drawings,			
a. the figure of the drawings to be p	•	No1_	
as suggested by			
\Rightarrow	is Authority, because the applicant		-
	is Authority, because this figure bet e published with the abstract.	ter character	izes the invention.
	- p		

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International Application No PCT/US2004/027822

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B23/40 G11B23/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
X	US 2002/030705 A1 (BRADSHAW GEORGE L ET AL) 14 March 2002 (2002-03-14) abstract; figures page 1, paragraph 6 - page 2, paragraph 15	1-10			
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Y	US 2003/133005 A1 (BRONSON BARRY) 17 July 2003 (2003-07-17) page 2, paragraph 18 - page 4, paragraph 47; figures	1-10			
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Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the International filing date L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but later than the priority date claimed 	 'T' later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search 17 December 2004	Date of malling of the International search report 28/12/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Authorized officer Declat, M

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